STATION (Climatological) Boulder (River Station, if									diffei	rent)	Jan			2013					3-09) NATIONAL OCEANIC AND ATMOSPHERIC ADM							U.S. DEPARTMENT OF COMMERCE NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION						
STATE COUNTY Boulder											RIVER								1										NATIONAL WEATHER SERVICE			
TIME (local) OF OBSERVATION RIVER TEMPERATURE 17:00									PRECIPITATION S					STANDARD TIME IN USE							RECORD OF RIVER AND CLIMATOLOGICAL OBSERVATIONS											
TYPE OF RIVER GAGE ELEVATION OF RIVER GAGE ZERO								FLOOD STAGE NO					NORMAL POOL STAGE																			
TEMPERATURE 24 HR AMOUNTS AT OB 7								PRECIPITATION																	servation Day)				RIVER STAC	E		
$\ \cdot \ $			ı	24 HR AI	MOUNTS	AT OB	Dra	aw a s	straigl	ht line	(-) thro	ough hours precipitation was observed, and a wavy line is precipitation probably occurred unobserved							Mar	rk 'X' for	all type	es occu	curring ea	ch day	ence (Gage				
П	24 HRS I	ENDING T		ited hs)	Snow, ice pellets, hail (ins.and tentha	_ <u> </u>	<u> </u>												_	sts				g	ccurr	t from	reading	ે				
\TE		VATION		Rain, mell snow, etc in and nundredth		ow, ice lets, ha on on (ir		A.M. 1 2 3 4 5 6 7 8 9						NOC				P.M. 5 6 7 8 9 10 11			Fog	e pelle	aze	nnder	ail	amagii	winds Time of ocity of different above	ove	Conditio	Tenden	REMARKS (SPECIAL OBSERVATIONS, ETC.)	
	MAX	MIN	AT OBSN	Ra is is		S e si	1						10	11								8	Θ	=	두 포			နို ပိ				
1	30	8	22	0.00	0.0	3	\sqcap		П	Т	П			\prod	П		П									1		1				
2	36	13	21	0.00	0.0	3	\prod		П					\prod	П	\top	П															
3	39	9	22	0.00	0.0	3	П		П		П			П	П		П			П				Π								Saw no clouds today.
4	49	19	27	0.00	0.0	3	П		П	T	П	\top		П	П	\neg	П	十		П						1		\top				Saw no clouds today
5	42	20	25	0.00	0.0	2	П		П		П	T	П	П	П	\top	П	十	П	П	\top					1						
6	48	16	30	0.00	0.0	2	Ħ		П	1	П			Ħ	1	十	П	十		\top						1		\top				
7	54	27	33	0.00	0.0	1	${}^{\dag}$	1	Ħ	十	H	\top	H	Ħ	\top	十	Ħ	十	H	\top	+					+	+	+	1			
8	50	25	45	0.00	0.0	T	††	+	H	+	H	\top	\vdash	Ħ		十	H	+		\forall					1	+	+	+	+			
9	57	25		0.00		Т	${}^{\dag}$		Н	+	H			$\forall t$	\forall	+	H	+	H	$\forall \exists$	+	1	\vdash	+	+	+	+	+	+			
10	41	23		0.00		T	\forall	-	H	+	H		\vdash	$\forall t$		+	H	+		\forall		-			+	+		+				
11	41	19	19	Т	T	Т	╁		Н	+	H	+		H	+	+	\Box				~ ~		\vdash		+	+	+	+	+			
12	19	2	10000 0000	0.01	0 2	T	1	2 '	3 4	5 /			10	-	1 2) 11	+	 	+	+	+	+	+	+			
12	16	0		0.02	5555 F109-48	TT.	 ~	~~		~~	~- T		, , ₀	$\frac{\prime\prime}{1}$	11	. T	ΤŢ	Ť		<u>-</u> 9 /0			\vdash		+	+	+	+				
13	NO 0-0	_1	200-200	The second	1000 TO 1000	<u> </u>	₩		₩	+	H	+		₩	+	+	H	+	+	+		+	-	-	+	+	+	+				
14	16	-4		0.01	2000 00 8000	<u> </u>	 ~ 	~ ~	 ~ 	~ ~	H	╄	\vdash	₩	+	+	Н	+	\vdash	+	+	-	\vdash	\vdash	+	+	+	+	+			
15	29	-3		0.00		T	₩	+	Н	+	₩	+	\vdash	₩	+	+	₩	+	\vdash	+	+	-	₩	-	+	+-	+	+	+		<u> </u>	Work downglong: ngan-ml fl = 41 10mph 6 0210 025
16	56	24	100, 200	0.00		T	₩	+	₩	+	Н	+	\vdash	₩	+	+	₩	+	Н	+	+	<u> </u>	├	_	+	+-	+	+			├	Weak downslope: ncar-ml,fl = 41,19mph @ 0310,035
17	52	21	00 - 100	0.00	2000		₩	+	\sqcup	+	Н	+	$\vdash \vdash$	₩	+	+	\vdash	+	\vdash	\dashv	\perp	<u> </u>	 	-	+		+	+				Saw no clouds today.
18	59	27		0.00	200	_	\sqcup	_	\sqcup	4	Н	\bot	igwdapper	\dashv	+	_	Н	+	\sqcup	\dashv		<u> </u>	├	-	╀	—	+	—		_		Developing downslope in evening: ncar-ml,fl = 60
19	61	34	1000 700	0.00	2000	T	\sqcup	\bot	Н	4	Н	\perp		\sqcup	Ш	4	Н	+	Н	Ш	4		<u> </u>	┡	_			_				
20	52	25	00 200	0.00	2000 2000	Т	\sqcup	4	Ш	4	Н	\bot		\sqcup	Щ	4	Ш	4	Ш	Ш	4	<u> </u>	┞		_		_					
21	56	16	48	0.00	0.0	Т	Ш		Ш		Ш			Щ			Ш			Ш		<u> </u>	ــــــــ	ــــــــ	↓							
22	65	36	46	0.00	0.0	0	1	2 3	3 4	5 (6 7	8 9	10	11	1 2	3	4 5	6	7 8	9 10) 11											
23	64	34	58	0.00	0.0	0	Щ	\perp	Щ	\perp	Ц	\perp	\coprod	Щ	Щ	\perp	Ц	\perp	Щ	Ш	$\perp \!\!\! \perp$	<u> </u>										Massive vertically-propagating-wave-induced clou
24	64	29	53	0.00	0.0	0	Ш	\perp	Ц		Ш	\perp	\coprod	Щ	Ш	\perp	Ц	\perp	Ш	Ш	$oxed{oxed}$	<u> </u>										Trapped lee waves, with weak downslope.
25	54	28	47	0.00	0.0	0	\coprod		Ш		Ш			\coprod	Ш		Ш		\coprod	Ш						\perp						
26	53	30	50	0.00	0.0	0														-2												
27	56	32	45	0.01	0.0	0																										
28	50	27	32	0.07	0.6	1										~ -		_		-												
29	34	17	27	0.15	2.2	2]_	_ ~	~	~	П			П	П		П			П												
30	42	9	35	0.00	0.0	2	П		П		П		П	П	П	\top	П	T	П	П												Downslope wind in morning: ncar-ml,fl = 66,35mph
31	48	24	42	0.00	0.0	Т	\prod		\prod	\top	\sqcap	\top		\top	\top	\top	П	\top		$\top \top$						\top		\top	1			Strong NW flow aloft with trapped waves: ncar-ml
П	46.2	19.7	SUM	0.27	3.7	$\overline{}$	1		СН	ECK	BAR	(for	wire v	weigh	t) NC	RMA	L CI	HECK	BAF	₹			o	Φ	pur							1
CONDITION OF RIVER AT GAGE								READING						DATE					Fog	lce p	Glaze	Thur	Hail	Dam	wind			$\downarrow X$				
А	Obstruc	ted by rou	uah ice	E. Ice	gorge belo	ow gage																12270.0250.000	OBSERVER Closed by John Brown and Matt Kelsch (bouc2) on 02 Feb 2013 11:43AM									
В	Frozen,	but open	at gage	F. Sho	re ice	3-30							_								_		3000			own	and	Mat	t Kelsch	d) r		
	C. Upper surface smooth ice G. Floating ice D. Ice gorge above gage H. Pool stage													\dashv	1							SUPERVISING OFFICE STATION INDEX NO. 800 Denver 05-0848-04							STATION INDEX NO. 05-0848-04			
																						•										